

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
27 January 2005 (27.01.2005)

PCT

(10) International Publication Number
WO 2005/007561 A1

(51) International Patent Classification⁷:

B67D 5/08

(74) Agents: MCGOWAN, Malcolm, K. et al.; Burns, Doane,
Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA
22313-1404 (US).

(21) International Application Number:

PCT/US2003/019406

(22) International Filing Date: 20 June 2003 (20.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US):
BIOSCAN, INC. [US/US]; 4590 MacArthur Blvd.,
NW, Washington, DC 20007 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC,
SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG,
US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

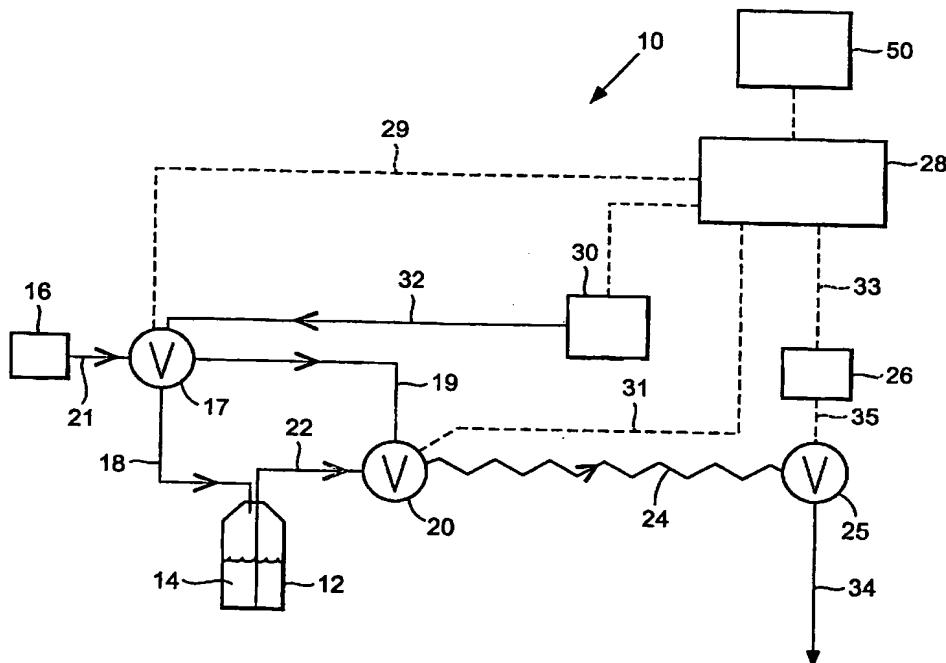
(75) Inventors/Applicants (for US only): SHULMAN, Seth
[US/US]; 5001 V Street, Washington, DC 20007 (US).
SCARDINA, Michael, T. [US/US]; 425 Stanton Place,
Alexandria, VA 22304 (US). ALBERS, Mitchell, D.
[US/US]; 1407 DeSale Street, S.E., Vienna, VA 22180
(US). TADINO, Vincent, L. [BE/US]; 3621 38th Street,
Apt. 201, Washington, DC 20016 (US).

Published:

— with international search report

[Continued on next page]

(54) Title: LIQUID DISPENSING SYSTEM



WO 2005/007561 A1

(57) Abstract: A liquid dispensing system includes valves and a fluid line, which can be filled with a desired amount of liquid by operation of the system. The amount of liquid contained in the fluid line can be determined by controlled operation of at least one valve operatively associated with a filling indicator.



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.